

Title (en)
PENDULUM-OSCILLATOR-TYPE DAMPING SYSTEM COMPRISING AN IMPROVED GUIDING DEVICE

Title (de)
PENDELOSZILLATORARTIGES DÄMPFUNGSSYSTEM MIT VERBESSERTER FÜHRUNGSVORRICHTUNG

Title (fr)
SYSTEME D'AMORTISSEMENT DE TYPE OSCILLATEUR PENDULAIRE COMPORTANT UN DISPOSITIF DE GUIDAGE PERFECTIONNE

Publication
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Application
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Priority

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Abstract (en)
[origin: WO2013057440A1] The invention relates to a damping system (10) having an axis of rotation (X) and comprising: at least a first governor weight (14) and a second governor weight (14), both of which are capable of oscillating in relation to a supporting member (12); and at least one device (20) for guiding the first and second governor weights (14) in relation to the supporting member (12), said device comprising at least one rolling element (22) capable of co-operating with a pair of opposing tracks, namely a first guide track (24) and a second guide track (26) which is borne by the supporting member (12). The system is characterised in that the first guide track (24) is borne by linking means (16).

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Cited by
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